Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 03 Aug 2023 until 23:59 on Friday 04 Aug 2023

Forecast Issued on Wednesday 02 Aug 2023 at 15:55

Confidence: High for unsettled conditions continuing into the weekend. Lower confidence in rain and cloud details, especially on Friday and into the weekend.

Headline for Thursday 03 Aug 2023: Dry with sunny spells through the morning, giving way to increasing cloud and showers through the day, heavy and possibly thundery at times.

Mountain weather hazards on Thursday 03 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Sunny	Cloudy	Light rain showers	Heavy rain showers	Heavy rain showers	Dull
Precipitation probability							
10%	10%	<05%	20%	60%	60%	40%	30%

Forecast for Thursday 03 Aug 2023

Weather: Patchy cloud overnight quickly clearing to the southeast to give sunny spells early on through the morning. Cloud increases from mid-morning, although the odd sunny spell still possible at times. Showers break out from around midday onwards, with heavy, and perhaps thundery showers occurring later in the afternoon. Showers may persist into the evening.

Chance of cloud-free hill tops above 600m: 40% very early on, but quickly becoming 90% or greater through the day. Dropping to 70% later in the afternoon in heavy showers.

Low cloud and visibility: Patchy cloud through the overnight period may temporarily shroud some higher peaks, but this soon clearing to give clear skies for a time during the early morning. Cloud amounts increasing by mid-morning onwards but staying comfortably above summits through the rest of the day, only lowering in heavy showers during the late afternoon. Visibility generally very good, falling to poor in showers.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Thursday 03 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/28 N	13/19 N	13/20 NW	14/20 NW	12/18 NW	14/20 NW	13/18 W	11/16 W	8/11 W
300	13/20 N	9/14 NW	9/12 NW	11/16 NW	11/17 NW	13/20 NW	12/19 NW	10/16 NW	8/13 W
Valley	11/24 N	5/13 NW	6/13 NW	8/16 NW	10/18 NW	10/19 NW	9/18 NW	6/13 NW	6/12 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/6	9/6	9/6	11/8	13/11	13/11	12/10	11/9	11/9
300	12/10	12/10	11/9	14/12	16/14	16/14	15/13	13/12	13/11
Valley	13/11	12/11	11/10	15/14	16/15	17/15	16/14	14/13	13/12
Freezing Level*	2600m	2200m	2100m	2100m	2300m	2400m	2500m	2500m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Fine walking conditions likely through the morning. Showers later in the day likely to become heavy at times, with hail, lightning and blustery winds a risk, making walking conditions much more difficult.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 02 Aug 2023	17.2mm	30.6mm	42.6mm

Forecast for Friday 04 Aug 2023

Weather: Low cloud and patchy rain at first on Friday, with cloud gradually lifting though the morning. The patchy rain will turn more showery through the day, with some heavier bursts and possible thunder during the afternoon. Showers possibly persisting into the evening.

Maximum wind: Northwesterly 10-15 mph.

Chance of cloud-free hill tops above 600m: 30% early on, rising to 90% by early afternoon.

Low cloud and visibility: Extensive low cloud through the early morning, with bases around 500m seeing higher slopes in fog. Cloud lifting through the morning, perhaps with one or two breaks giving the odd sunny spell through the day. Low cloud may push in from the north during the evening, but low confidence for this. Visibility generally poor at first, improving to very good through the day, but likely dropping briefly at times in heavier showers.

Temperature: **Valleys:** Plus 12 Celsius, rising to Plus 16 Celsius.
At 600m: Plus 10 Celsius, rising to Plus 13 Celsius.
Freezing level: Above summits.

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